

FRASER RIVER DELTA

A COMPILATION OF SHEAR WAVE VELOCITIES AND BOREHOLE GEOPHYSICS LOGS IN UNCONSOLIDATED SEDIMENTS OF THE FRASER RIVER DELTA, BRITISH COLUMBIA.



by
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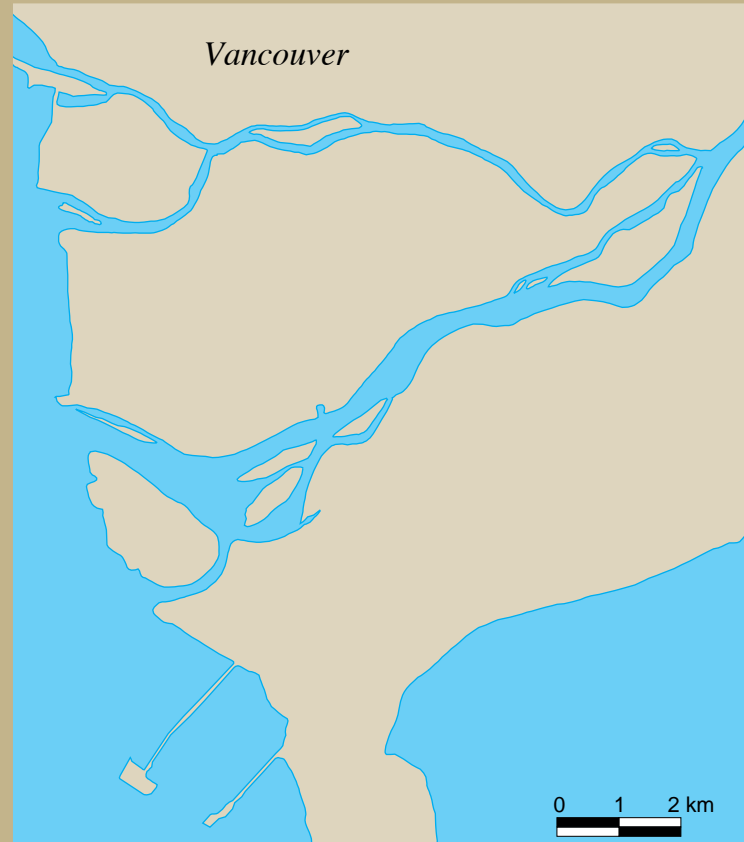
Borehole Geophysics

Conoco Dynamic
Mud Bay Well d-95-D

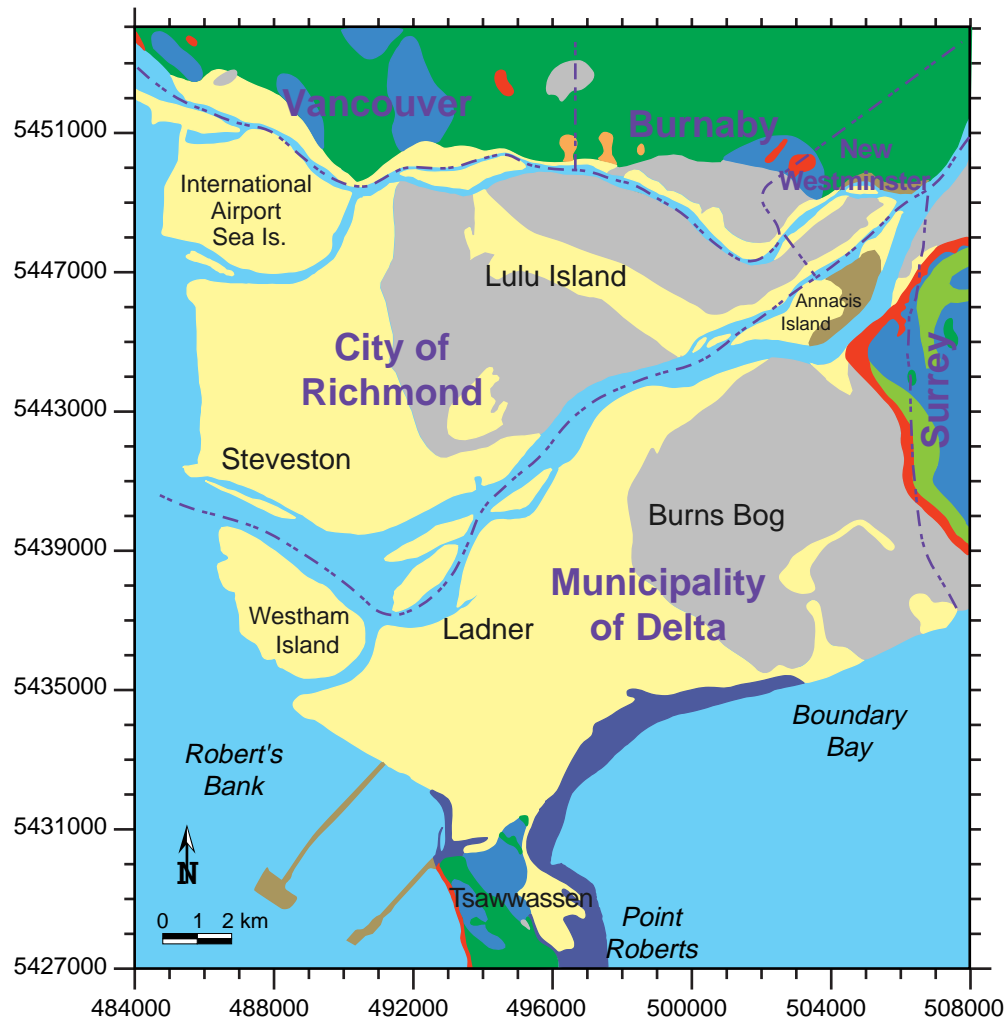
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Fraser Delta Survey Area and Surficial Geology



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Postglacial

Salish sediments:

- Landfill including sand, gravel, till, crushed stone and refuse
- Bog, swamp and shallow lake deposits
- Marine shore sediments

Fraser River sediments:

- Deltaic and distributary channel fill sediments overlying and cutting estuarine sediments and overlain in much of the area by overbank sediments.

Pleistocene

Capilano sediments:

- Raised marine, deltaic, and fluvial deposits

Vashon drift and Capilano sediments:

- Glacial drift including: lodgment and minor flow till, lenses and interbeds of substratified glaciofluvial sand to gravel, and lenses and interbeds of glaciolacustrines laminated stony silt.

Vashon drift:

- Till, glaciofluvial, glaciolacustrine, and ice-contact deposits.

Undivided Pre-Vashon deposits:

- Till, glaciofluvial, glaciolacustrine, fluvial, marine, and organic sediments.

Pre-Vashon deposits:

- Pre-Vashon glacial, nonglacial, and glaciomarine sediments.

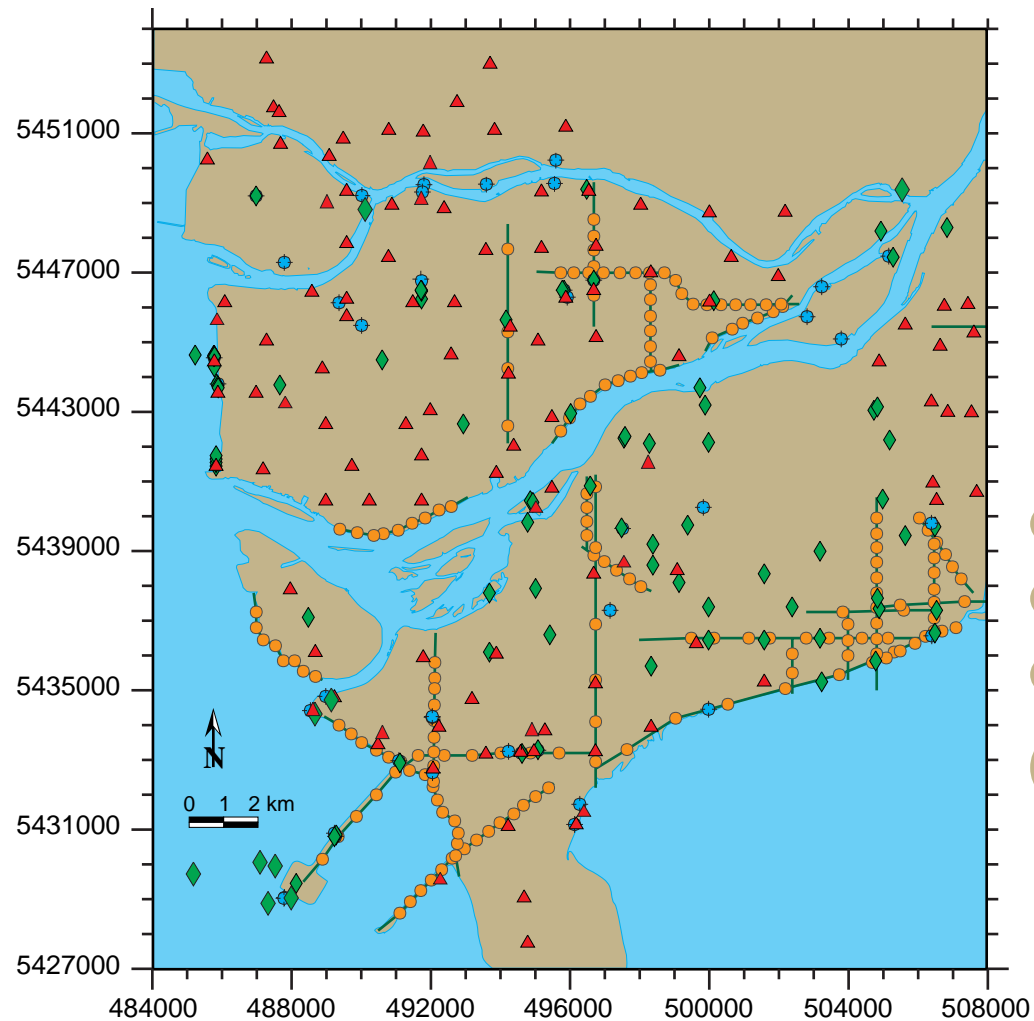
-- Municipality limits

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Fraser River Delta GSC Shear Wave Velocity-Depth Data



Click on one of the data sets below
to get to the specific map:

 **Surface shear wave refraction soundings**

 **Borehole shear wave velocity logs**

 **Seismic cone penetrometer**

 **Seismic lines (Dynamic Oil) with**

 **Shear wave velocity analysis locations**

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Data Room

In the data room you will find all the raw data in Excel format for :

Shear Wave Velocities:

Borehole shear velocity logs (cd drive:\Dataroom\Borehole*.xls)

Seismic cone penetrometer (cd drive:\Dataroom\SCPT\Scpt*.xls)

Surface shear wave refraction soundings (cd drive:\Dataroom\Surref\site*.xls)

Seismic lines (Dynamic Oil) with shear wave velocity analysis locations (cd drive:\Dataroom\Dynlines**.xls)

Borehole Geophysics (cd drive:\Dataroom\Geophys*.xls)

Conoco Dynamic Mud Bay Well (cd drive:\Dataroom\Mudbay.xls)

UTM coordinates for of all surveys (cd drive:\Dataroom\UTMcoord.xls)

To access these files, you must **QUIT** and open the specific file in Excel.

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